BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of Work: Drilling of Borewell, Providing and Installing Pump, Motor and other accessories at Virupakshapura, Doddabommasandra, Thindlu, Vidyaranyapura areas in Ward No. 09 (Vidyarnayapura), Vidyaranyapura sub Division.

Sl. No.	Approved Quantity	Description	Unit	Rates In Figures	Rates In Words
1	4	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Each BW	3768.00	Rupees Three Thousand Seven Hundred Sixty Eight Only
2	200.00	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m	Rmtr	347.00	Rupees Three Hundred Forty Seven Only
	200.00	50 to 100 m	Rmtr	442.00	Rupees Four Hundred Forty Two Only
	200.00	100 to 150 m	Rmtr	456.00	Rupees Four Hundred Fifty Six Only
	200.00	150 to 200 m	Rmtr	536.00	Rupees Five Hundred Thirty Six Only
	200.00	200 to 250 m	Rmtr	634.00	Rupees Six Hundred Thirty Four Only
	200.00	250 to 300 m	Rmtr	700.00	Rupees Seven Hundred Only

	Approved Quantity	Description	Unit	Rates In Figures	Rates In Words
	200.00	300 to 350 m	Rmtr	825.00	Rupees Eight Hundred Twenty Five Only
3	320.00	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Rmtr	1380.00	Rupees One Thousand Three Hundred Eighty Only
4	72.00	Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work	Rmtr	1100.00	Rupees One Thousand One Hundred Only
5	4.00	Providing and fixing Borewell cap & clamp set	Set	1800.00	Rupees One Thousand Eight Hundred Only
6	4	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 10.00 HP 20 stage.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 12.50 HP 30 stage	No	63498.00	Rupees Sixty Three Thousand Four Hundred Ninety Eight Only
7	1280.00	GI Pipe 50 mm'B' class	M	415.00	Rupees Four Hundred Fifteen Only
8	216.00	Heavy Duty Collar 50 mm dia	Nos	180.00	Rupees One Hundred Eighty Only
9	4.00	Providing non-return valve 50 mm	Nos	1800.00	Rupees One Thousand Eight Hundred Only
10	4.00	Supplying and Fixing Out Door Panel up to 15 HP	Nos	15500.00	Rupees Fifteen Thousand Five Hundred Only
11	2640.00	Submersible Cable 1x3x6.0 Sq.mm	M	144.00	Rupees One Hundred Forty Four Only
12	216	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00)etc., complete and as per the directions of the Engineer-in-charge of the work	per Length	88.00	Rupees Eighty Eight Only
13	4	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	292.00	Rupees Two Hundred Ninety Two Only

	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
14	13[illegible].00 136	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975GROUP-A	Mtr	150.00	Rupees One Hundred Fifty Only
15	136.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14	Mtr	11.88	Rupees Eleven and Eighty Eight Paise Only
16	120.00	Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil SR KSRB 1-2 P-7 with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	76.00	Rupees Seventy Six Only
17	16.00	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Mtr	335.00	Rupees Three Hundred Thirty Five Only
18	4	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	270.00	Rupees Two Hundred Seventy Only
19	4	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No	2999.70	Rupees Two Thousand Nine Hundred Ninety Nine and Seventy Paise Only
20	24	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	No.	174.00	Rupees One Hundred Seventy Four Only
21	4	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898. **6-32Amps TPN P**	No	1715.00	Rupees One Thousand Seven Hundred Fifteen Only

	Approved Quantity	Description	Unit	Rates	
				In Figures	In Words
22	93600.00	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Sq.Cm	0.35	and Thirty Five Paise Only
23	331.20	Earthwork excavation for pipeline foundation including deporiting or bank up to a depth of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work	Cum	262.00	Rupees Two Hundred Sixty Two Only
24	920.00	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC	Rmtr	207.00	Rupees Two Hundred Seven Only
25	138.00	KSRRB M2100 Filling the foundations KSRRB 2100-6. Filling the foundations trenches using approved sand as per drawing and technical specifications in 250mm layers, wherever necessary watering and ramming, including cost of all materials, labour complete as per specifications. as per the directions of the Engineer-in-charge of the work	cum	3221.34	Rupees Three Thousand Two Hundred Twenty One and Thirty Four Paise Only
26	193.20	Refilling the basement and pipeline treanches with secleted available earthe for trench excavation including watering, consolidation in layers of 15 cm thick including disposing of the sunplus earth with a lead of 200 mtrs **as per the directions of the Engineer-in-charge of the work**	Cum	103.00	Rupees One Hundred Three Only
27	40	Providing Gate Valve 50 mm **as per the directions of the Engineer-in-charge of the work**	Nos	1800.00	Rupees One Thousand Eight Hundred Only

"NO CORRECTION NIL"
"DTS APPROVED"

Signature of the Contractor

Executive Engineer
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